

IN THE CLAIMS:

Kindly amend claims 1-8, cancel claim 9 without prejudice or admission, and add new claims 10-21 as shown in the following listing of claims, which replaces all previous versions and listings of claims in this application.

1. (currently amended) A sensor device comprising: a plurality of [~~strong~~] directive sensors each having a [~~predetermined~~] strong directivity[+] for detecting a detection object within a detection area, the directive sensors being mounted relative to one another so [~~wherein the plurality of sensors are located such~~] that detection areas thereof cross each other.

2. (currently amended) A sensor device according to [~~claim 1, further comprising:~~] claim 1; wherein each of the directive sensors outputs a detection signal when the detection object has been detected; and further comprising a position determining circuit for determining in accordance with the detection signals whether [~~that~~] the detection object reaches a predetermined position [~~based on a detection signal indicating that the detection object is detected, which is received from each of the sensors~~].

3. (currently amended) A sensor device according to ~~[claim 2, further comprising:]~~ claim 2; further comprising a ~~[weak]~~ directive sensor having a directivity weaker than the directivity ~~[plurality]~~ of the other ~~[strong]~~ directive sensors; wherein the position determining circuit detects that the detection object reaches the predetermined position when it receives the detection signal ~~[indicating that the detection object is detected]~~ from each of the strong directive sensors having the strong directivity after receiving the detection signal ~~[indicating that the detection object is detected]~~ from the ~~[weak]~~ directive sensor having the weaker directivity~~[, to thereby determining that the detection object reaches the predetermined position]~~.

4. (currently amended) A sensor device according to ~~[claim 1, further comprising:]~~ claim 1; further comprising a moving direction determining circuit for determining a moving direction of the detection object in accordance with ~~[based on]~~ an order in which the ~~[respective strong]~~ directive sensors detect the detection object.

5. (currently amended) A sensor device according to ~~[claim 4, further comprising:]~~ claim 4; wherein the directive sensors comprise a ~~[weak]~~ directive sensor having a directivity weaker than the directivity ~~[plurality]~~ of the

other ~~[strong]~~ directive sensors; wherein the moving direction determining circuit determines the moving direction of the detection object in accordance with ~~[based on]~~ the order in which the ~~[respective strong]~~ directive sensors having the strong directivity detect the detection object after the moving direction determining circuit receives the detection signal ~~[indicating that the detection object is detected is received]~~ from the ~~[weak]~~ directive sensor having the weaker directivity.

6. (currently amended) A sensor device according to ~~[claim 2, wherein]~~ claim 2; wherein the detection object comprises a person; and wherein each of the sensors ~~[is]~~ comprises a pyroelectric infrared sensor ~~[that detects]~~ for detecting an infrared ray emitted from ~~[a]~~ the person.

7. (currently amended) A sensor device according to ~~[claim 4, wherein]~~ claim 4; wherein the detection object comprises a person; and wherein each of the sensors ~~[is]~~ comprises a pyroelectric infrared sensor ~~[that detects]~~ for detecting an infrared ray emitted from ~~[a]~~ the person.

8. (currently amended) An electronic watch comprising: ~~[having]~~ a display for displaying a time; ~~a~~ [and a drive circuit for driving the display comprising: the] sensor device according to claim 10; and a ~~[as described in claim 6,~~

~~wherein the~~ drive circuit for driving ~~[drives]~~ the display when the position determining circuit ~~[of the sensor device]~~ determines that ~~[a user]~~ the detection object is in a predetermined position or when the moving direction determining circuit determines that the detection object moves in ~~[the moving direction of the user is]~~ a predetermined direction.

9. (canceled).

10. (new) A sensor device according to claim 2; further comprising a moving direction determining circuit for determining a moving direction of the detection object in accordance with an order in which the directive sensors detect the detection object.

11. (new) An electronic watch according to claim 8; wherein the detection object comprises a person; and wherein each of the sensors of the sensor device comprises a pyroelectric infrared sensor for detecting an infrared ray emitted from the person.

12. (new) A sensor device comprising: a substrate; at least two sensors each having a sensor element and a cover member covering the sensor element, the cover member having a through-hole through which the sensor element detects a

detection object within a detection area with a preselected degree of directivity, the sensors being mounted on the substrate so that the detection areas of the sensor elements cross each other.

13. (new) A sensor device according to claim 12; wherein the at least two sensors comprise first and second sensors; and further comprising a third sensor mounted on the substrate, the third sensor having a sensor element and a cover member covering the sensor element, the cover member of the third sensor having a through-hole through which the sensor element of the third sensor detects the detection object within a detection area with a degree of directivity lower than the preselected degree of directivity.

14. (new) A sensor device according to claim 13; wherein the third sensor is mounted on the substrate so that the detection area of the third sensor element crosses the detection area of each of the first and second sensors.

15. (new) A sensor device according to claim 13; wherein each of the first, second and third sensors comprises a pyroelectric infrared sensor for detecting an infrared ray emitted from the detection object.

16. (new) A sensor device according to claim 13; wherein each of the first, second and third sensors outputs a detection signal when the detection object has been detected; and further comprising a position determining circuit for determining in accordance with the detection signals whether the detection object reaches a predetermined position.

17. (new) A sensor device according to claim 16; wherein the position determining circuit detects that the detection object reaches the predetermined position when it receives the detection signal from each of the first and second sensors after receiving the detection signal from the third sensor.

18. (new) A sensor device according to claim 13; further comprising a moving direction determining circuit for determining a moving direction of the detection object in accordance with an order in which the first and second sensors detect the detection object after the moving direction determining circuit receives the detection signal from the third sensor.

19. (new) An electronic timepiece comprising:
a display for displaying time;
a sensor device comprised of a substrate and at least two sensors each having a sensor element and a cover

member covering the sensor element, the cover member having a through-hole through which the sensor element detects a detection object within a detection area with a preselected degree of directivity, the sensors being mounted on the substrate so that the detection areas of the sensor elements cross each other, and each of the sensors outputting a detection signal when the detection object has been detected;

a position determining circuit for determining in accordance with the detection signals outputted by the sensors whether the detection object reaches a predetermined position;

a moving direction determining circuit for determining a moving direction of the detection object in accordance with an order in which the sensors detect the detection object; and

a drive circuit for driving the display when the position determining circuit determines that the detection object is in a predetermined position or when the moving direction determining circuit determines that the detection object moves in a predetermined direction.

20. (new) A timepiece according to claim 19; wherein each of the sensors comprises a pyroelectric infrared sensor for detecting an infrared ray emitted from the detection object.

21. (new) A timepiece according to claim 19; wherein the at least two sensors of the sensor device comprise first and second sensors; and wherein the sensor device further comprises a third sensor mounted on the substrate, the third sensor having a sensor element and a cover member covering the sensor element, the cover member of the third sensor having a through-hole through which the sensor element of the third sensor detects the detection object within a detection area with a degree of directivity lower than the preselected degree of directivity.